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Technology Center 2600

Sheet 1 of 1

Form PTO-1449
(REV. 8-83)US Dept. of Commerce
PATENT & TRADEMARK OFFICEATTY DOCKET NO.
109335APPLICATION NO.
09/839,205

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT
Roman VITENBERGFILING DATE
April 23, 2001GROUP
2643

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
H.V.	5,889,856	03/30/1999	O'Toole et al.	Duplicate	
H.V.	5,608,725	03/04/1997	Grube et al.		

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
WO 96/24989 A2	08/15/1996	WIPO		
WO 99/20027 A2	04/22/1999	WIPO		
WO 01/20865 A1	03/22/2001	WIPO		
WO 01/20864 A1	03/22/2001	WIPO		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

H.V.	U-T-RECOMMENDATION G.922.2 SPLITTERLESS ADSL TRANSCIEVERS, June 1999, XP002181912.
H.V.	Johansson, "ADSL LITE - THE BROADBAND ENABLER FOR THE MASS MARKET" ERICSSON REVIEW, ERICSSON, STOCKHOLM, SE, no. 4, December 22, 1998, pp. 154-161, XP000792054.
H.V.	Colin et al., "QoS considerations for DMT-based ADSL and VDSL systems" ACOUSTICS, SPEECH AND SIGNAL PROCESSING, 1998. PROCEEDINGS OF THE 1998 IEEE INTERNATIONAL CONFERENCE ON SEATTLE, WA, May 12-15, 1998, pp. 3437-3440, XP010279527.

EXAMINER

DATE CONSIDERED

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: February 11, 2003



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[Signature]				8/25/04			
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